

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L65   | 186  | (( ( sum\$1 summation\$1 add\$2 adding addition\$1 ) NEAR5 ( squared (second ADJ order\$2) (second\$1order\$2) ) ) NEAR8 ( cyan\$2 cyanogen\$2 magenta\$2 yellow\$2 ) ) (( ( sum\$1 summation\$1 add\$2 adding addition\$1 ) NEAR5 ( squared (second ADJ order\$2) (second\$1order\$2) ) ) NEAR8 ( c\$2 m\$2 y\$2 ) ) AND ( cyan\$2 cyanogen\$2 magenta\$2 yellow\$2 ) ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/05/25 13:30 |
| L66   | 59   | 65 and @ad<="20030110"   | US-PGPUB; USPAT                             | OR               | ON      | 2010/05/25 13:32 |
| L67   | 127  | 65 not 66  | US-PGPUB; USPAT                             | OR               | ON      | 2010/05/25 13:32 |
| L77   | 184  | (( ( saturation chroma ) NEAR3 ( value\$1 calculat\$3 calculation\$1 ) ) NEAR8 ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) (( ( saturation chroma ) NEAR3 ( value\$1 calculat\$3 calculation\$1 ) ) NEAR8 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3 ( y\$2 ) ) ) AND ( ( cyan cyanogen ) SAME ( magenta ) SAME ( yellow ) ) )                           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/05/25 14:04 |
| L78   | 82   | 77 and @ad<="20030110"   | US-PGPUB; USPAT                             | OR               | ON      | 2010/05/25 14:05 |
| L79   | 92   | 77 not 78  | US-PGPUB; USPAT                             | OR               | ON      | 2010/05/25 14:05 |
| L80   | 10   | 77 not (78 79)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/05/25 14:05 |
| L81   | 0    | 77 not (78 79 80)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/05/25 14:05 |
| L82   | 19   | (( ( saturation chroma ) NEAR8 ( ( convert\$3 conversion\$1 ) NEAR3 ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) ) (( ( saturation chroma ) NEAR8 ( ( convert\$3 conversion\$1 ) NEAR3 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3 ( y\$2 ) ) ) ) AND ( ( cyan cyanogen ) SAME ( magenta ) SAME ( yellow ) ) )   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/05/25 14:38 |
| L83   | 12   | 82 and @ad<="20030110"   | US-PGPUB; USPAT                             | OR               | ON      | 2010/05/25 14:40 |

## EAST Search History (Prior Art)

|      |       |   |   |    |    |                  |
|------|-------|---|---|----|----|------------------|
| L84  | 3     | 82 not 83   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 14:40 |
| L85  | 0     | 82 not (83 84)  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 14:40 |
| L108 | 223   | (( ( ( min\$1 minimum ) NEAR10 ( "1" "1.0" "1.00" "1.000" ) ) NEAR10 ( c\$2m\$2y\$2 c\$2y\$2m\$2 m\$2c\$2y\$2 m\$2y\$2c\$2 y\$2c\$2m\$2 y\$2m\$2c\$2 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3 ( y\$2 ) ) ) ) AND ( ( cyan cyanogen ) SAME ( magenta ) SAME ( yellow ) ) ) ( ( ( min\$1 minimum ) NEAR10 ( "1" "1.0" "1.00" "1.000" ) ) NEAR10 ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) ) ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 15:38 |
| L109 | 95    | 108 and @ad<="20030110"   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 15:41 |
| L110 | 113   | 108 NOT 109   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 15:41 |
| L111 | 0     | 108 NOT (109 110)   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 15:41 |
| L113 | 450   | (( ( ( min\$1 minimum ) NEAR10 ( max\$1 maximum ) NEAR10 ( c\$2m\$2y\$2 c\$2y\$2m\$2 m\$2c\$2y\$2 m\$2y\$2c\$2 y\$2c\$2m\$2 y\$2m\$2c\$2 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3 ( y\$2 ) ) ) ) ) AND ( ( cyan cyanogen ) SAME ( magenta ) SAME ( yellow ) ) ) ( ( ( min\$1 minimum ) NEAR10 ( max\$1 maximum ) NEAR10 ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) ) )                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:09 |
| L114 | 160   | (( ( ( min\$1 minimum ) NEAR10 ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) ) SAME3 ( ( max\$1 maximum ) NEAR10 ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) ) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:12 |
| L115 | 8962  | (( ( min\$1 minimum ) NEAR10 ( c\$2m\$2y\$2 c\$2y\$2m\$2 m\$2c\$2y\$2 m\$2y\$2c\$2 y\$2c\$2m\$2 y\$2m\$2c\$2 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3 ( y\$2 ) ) ) ) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:15 |
| L116 | 6405  | (( ( max\$1 maximum ) NEAR10 ( c\$2m\$2y\$2 c\$2y\$2m\$2 m\$2c\$2y\$2 m\$2y\$2c\$2 y\$2c\$2m\$2 y\$2m\$2c\$2 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3 ( y\$2 ) ) ) ) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:15 |
| L117 | 96996 | (( ( cyan cyanogen ) SAME ( magenta ) SAME ( yellow ) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:15 |

## EAST Search History (Prior Art)

|      |      |  |   |    |    |                  |
|------|------|--|---|----|----|------------------|
| L119 | 364  | (115 SAME3 116) AND 117  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:18 |
| L120 | 249  | (114 119) and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 16:19 |
| L121 | 192  | (114 119) not 120  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 16:20 |
| L122 | 0    | (114 119) not (120 121)  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 16:20 |
| L123 | 236  | 113 and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 16:21 |
| L124 | 172  | 113 not 123  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 16:22 |
| L125 | 42   | 113 not (123 124)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:22 |
| L126 | 0    | 113 not (123 124 125)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 16:23 |
| L127 | 1687 | (( (( distance\$1 length\$1 magnitude\$1 )<br>NEAR10 ( c\$2m\$2y\$2 c\$2y\$2m\$2<br>m\$2c\$2y\$2 m\$2y\$2c\$2 y\$2c\$2m\$2<br>y\$2m\$2c\$2 ( ( c\$2 ) NEAR3 ( m\$2 ) NEAR3<br>( y\$2 ) ) ) ) ) AND ( ( cyan cyanogen )<br>SAME ( magenta ) SAME ( yellow ) ) ) ( ( ( ( distance\$1 length\$1 magnitude\$1 ) NEAR10<br>( ( ( cyan\$2 cyanogen\$2 ) NEAR3 ( magenta\$2 ) NEAR3 ( yellow\$2 ) ) ) ) ) ) ) ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 18:08 |
| L128 | 797  | 127 and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 18:10 |
| L129 | 465  | 127 AND (cube\$1 colo\$1r\$1space\$1<br>(colo\$1r ADJ space\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 18:13 |
| L130 | 151  | 129 and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 18:13 |
| L131 | 311  | 129 not 130  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/25 18:36 |
| L132 | 3    | 129 not (130 131)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 18:38 |

## EAST Search History (Prior Art)

|          |        |  |   |    |    |                  |
|----------|--------|--|---|----|----|------------------|
| L133     | 0      | 129 not (130 131 132)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/25 18:38 |
| S35<br>8 | 227416 | c\$2m\$2y\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:14 |
| S35<br>9 | 28429  | c\$2y\$2m\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:15 |
| S36<br>0 | 310687 | m\$2c\$2y\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:15 |
| S36<br>1 | 81391  | m\$2y\$2c\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:15 |
| S36<br>2 | 4035   | y\$2c\$2m\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:15 |
| S36<br>3 | 78176  | y\$2m\$2c\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:15 |
| S36<br>7 | 607    | (( (cyan\$2 ADJ2 cyan\$2) ) NEAR5 ( (magenta\$2 ADJ2 magenta\$2) ) NEAR5 ( (yellow\$2 ADJ2 yellow\$2) ) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:21 |
| S36<br>8 | 0      | (( (cyanogen\$2 ADJ2 cyanogen) ) NEAR5 ( (magenta\$2 ADJ2 magenta\$2) ) NEAR5 ( (yellow\$2 ADJ2 yellow\$2) ) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:21 |
| S36<br>9 | 0      | (( (cyan\$2 ADJ ".sup.2") (cyan\$2".sup.2") (cyanogen\$2 ADJ ".sup.2") (cyanogen\$2".sup.2") ) NEAR5 ( (magenta\$2 ADJ ".sup.2") (magenta\$2".sup.2") ) NEAR5 ( (yellow\$2 ADJ ".sup.2") (yellow\$2".sup.2") ) ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:22 |

## EAST Search History (Prior Art)

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S37<br>0 | 931  | (( ( (c\$2 ADJ2 c\$2) ) NEAR5 ( (m\$2 ADJ2 m\$2) ) NEAR5 ( (y\$2 ADJ2 y\$2) ) ) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:22 |
| S37<br>1 | 17   | (( ( (c\$2 ADJ ".sup.2") (c\$2".sup.2") ) NEAR5 ( (m\$2 ADJ ".sup.2") (m\$2".sup.2") ) NEAR5 ( (y\$2 ADJ ".sup.2") (y\$2".sup.2") ) ) ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:22 |
| S37<br>2 | 2    | (( c\$2".times."c\$2 ) NEAR5 ( m\$2".times."m\$2 ) NEAR5 ( y\$2".times."y\$2 ) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:23 |
| S37<br>3 | 0    | (( ( cyan\$2".times."cyan\$2 ) NEAR5 ( magenta\$2".times."magenta\$2 ) NEAR5 ( yellow\$2".times."yellow\$2 ) ) )                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:23 |
| S37<br>4 | 0    | (( ( cyanogen\$2".times."cyanogen\$2 ) NEAR5 ( magenta\$2".times."magenta\$2 ) NEAR5 ( yellow\$2".times."yellow\$2 ) ) )                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:23 |
| S37<br>6 | 104  | (S367 S368 S369 S370 S371 S372 S373 S374) with (S358 S359 S360 S361 S362 S363)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:37 |
| S37<br>7 | 404  | (S367 S368 S369 S370 S371 S372 S373 S374) SAME (S358 S359 S360 S361 S362 S363)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:37 |
| S37<br>8 | 2366 | (S358 S359 S360 S361 S362 S363) with (weighted weighting averaging averaged blend\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:38 |
| S37<br>9 | 7100 | (S358 S359 S360 S361 S362 S363) SAME (weighted weighting averaging averaged blend\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:38 |
| S38<br>0 | 8    | (S367 S368 S369 S370 S371 S372 S373 S374) with (weighted weighting averaging averaged blend\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:38 |

## EAST Search History (Prior Art)

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S38<br>1 | 13    | (S367 S368 S369 S370 S371 S372 S373 S374) SAME (weighted weighting averaging averaged blend\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:38 |
| S38<br>2 | 276   | S378 AND ( ( ( cyan cyanogen ) AND ( magenta ) AND ( yellow ) ) )                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:39 |
| S38<br>3 | 613   | S379 AND ( ( ( cyan cyanogen ) AND ( magenta ) AND ( yellow ) ) )                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:39 |
| S38<br>4 | 7633  | 358/1.9.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S38<br>5 | 923   | 358/2.1.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S38<br>6 | 573   | 358/515.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S38<br>7 | 3019  | 358/518.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S38<br>8 | 383   | 358/519.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S38<br>9 | 799   | 358/520.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>0 | 525   | 358/521.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>1 | 738   | 358/523.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>2 | 270   | 358/529.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>3 | 2326  | 382/162.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>4 | 2702  | 382/167.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>5 | 2153  | 345/589.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>6 | 324   | 345/591.ccls.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>7 | 263   | 358/3.24.ccls.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>8 | 16051 | S384 S385 S386 S387 S388 S389 S390 S391 S392 S393 S394 S395 S396 S397                           | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:42 |
| S39<br>9 | 7     | S381 and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:43 |

## EAST Search History (Prior Art)

|          |     |                                     |   |    |    |                  |
|----------|-----|-------------------------------------|---|----|----|------------------|
| S40<br>0 | 6   | S381 NOT S399                       | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:43 |
| S40<br>1 | 0   | S381 NOT (S399 S400)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:43 |
| S40<br>2 | 35  | S376 and @ad<="20030110"            | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:44 |
| S40<br>3 | 67  | S376 NOT S402                       | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:44 |
| S40<br>4 | 2   | S376 NOT (S402 S403)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:44 |
| S40<br>5 | 0   | S376 NOT (S402 S403 S404)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |
| S41<br>6 | 300 | S377 NOT (S402 S403 S404)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:45 |
| S40<br>7 | 79  | S406 AND S398                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:45 |
| S40<br>8 | 12  | S407 and @ad<="20030110"            | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:45 |
| S40<br>9 | 67  | S407 NOT S408                       | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:45 |
| S41<br>0 | 221 | S377 NOT (S402 S403 S404 S408 S409) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |
| S41<br>1 | 74  | S410 and "358".clas.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |
| S41<br>2 | 0   | S410 and "345".clas.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |

## EAST Search History (Prior Art)

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S41<br>3 | 144 | S410 and "347".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |
| S41<br>4 | 6   | S410 and "382".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |
| S41<br>5 | 2   | S410 and "399".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:46 |
| S41<br>6 | 21  | (S411 S412 S413 S414 S415) and<br>@ad<="20030110"               | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:47 |
| S41<br>7 | 184 | (S411 S412 S413 S414 S415) not S416                             | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:47 |
| S41<br>8 | 16  | S377 NOT (S402 S403 S404 S408 S409<br>S416 S417)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:48 |
| S41<br>9 | 10  | S418 and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:49 |
| S42<br>0 | 5   | S418 not S419   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:49 |
| S42<br>1 | 1   | S377 NOT (S402 S403 S404 S408 S409<br>S416 S417 S419 S420 S421) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:50 |
| S42<br>2 | 0   | S377 NOT (S402 S403 S404 S408 S409<br>S416 S417 S419 S420 S421) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:50 |
| S42<br>3 | 174 | S382 AND S398   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:51 |
| S42<br>4 | 103 | S423 and @ad<="20030110"  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:51 |
| S42<br>5 | 71  | S423 NOT S424   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:51 |



## EAST Search History (Prior Art)

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S42<br>6 | 102 | S382 NOT (S424 S425)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:52 |
| S42<br>7 | 66  | S426 AND ("358".clas. "345".clas. "347".<br>clas. "382".clas. "399".clas.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:53 |
| S42<br>8 | 25  | S427 and @ad<="20030110"   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:53 |
| S42<br>9 | 41  | S427 not S428  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:53 |
| S43<br>0 | 36  | S382 NOT (S424 S425 S428 S429)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:53 |
| S43<br>1 | 13  | S430 and @ad<="20030110"   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:54 |
| S43<br>2 | 13  | S430 not S431  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:54 |
| S43<br>3 | 10  | S382 NOT (S424 S425 S428 S429 S431<br>S432)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:54 |
| S43<br>4 | 0   | S382 NOT (S424 S425 S428 S429 S431<br>S432 S433)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:54 |
| S43<br>5 | 337 | S383 NOT (S424 S425 S428 S429 S431<br>S432 S433)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:55 |
| S43<br>6 | 145 | S435 AND S398  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/24 20:55 |
| S43<br>7 | 68  | S436 and @ad<="20030110"   | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:55 |
| S43<br>8 | 77  | S436 NOT S437  | US-PGPUB;<br>USPAT                                      | OR | ON | 2010/05/24 20:55 |